Feb 1992

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B·A·R·G NEWS

FEBRUARY

© Monthly Newsletter of the Ballarat Amateur Radio Group

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EXECUTIVE COMMITTEE 1991/92

			HOME	WORK
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OFFICER	Dick Antoziewicz	VK3AEX	323273	311818
EPS.	Mary Curnow	VK3FMC	301927	
	Reg. Carter	VK3CAZ	417585	

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QSL MANAGER	Jeff Pigdon	VK3PAP	327041	311211
AWARDS MANAGER	Maurie Batt	VK3XEX	422245	
PROPERTY OFFICER	Dick Antoziewicz	VK3AEX	323273	311818
HAMFEST CONVENER	Kevin Hughes	VK3WN	355011	
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	Geoff Smith	VK3ADB	332112	
	Tom George	VK3DMK	355662	327234
TECHNICAL COMMITTEE	Ian McDonald	VK3AXH		311317
	Dick Forrester	VK3VU	357663	391001
	Merv Hooley	VK3KAW		311317
	David McConnell	VK3YNB		
NEWSLETTER EDITOR	Norm D'Angri	SWL	341613	

□ □

REPEATERS: VK3RBA - 146.750 MHz. Voice. Mt. Buninyong. (Ch. 3)
VK3RBS - 146.900 MHz. Voice. Smeaton Hill. (Ch. 6)
VK3RPC - 147.600 MHz. Packet Mt. Warrenheip
VK3RBU - 438.475 MHz. Voice. Mt. Hollowback

CLUB NET: Thursday nights at 8 pm. (8.30 pm. during daylight saving)
Freq. - 3.610 MHz. +/- QRM.

FOX HUNTS: Monday nights at 7.30 pm.
Freq. - 146.500 MHz. Meet at Education Centre - Hopetoun St.

2 METRE SCRAMBLE: Sunday nights at 7.50 pm.
Freq. - 146.00 MHz. to 146.425 Mhz. Call back on VK3RBA.
146.425 146.600,

MEETINGS: Last Friday of every month at 7.30 pm. at
Ballarat Community Education Centre
Hopetoun St. Ballarat.

CORRESPONDENCE: Please address all correspondence to:

The Secretary
B. A. R. G. Inc.
P. O. BOX 216E
BALLARAT EAST 3350.

B. A. R. G. NEWS

FEBRUARY 1992

PRESIDENT'S REPORT

I hope that by the time of the February meeting we will be hearing a few new callsigns around the district. BARG held an exam session on the 18th. Feb. and the reults showed an 80% pass rate for the evening. Congratulations to all those who took part.

If you look at the list elsewhere in the Newsletter you will see that we have a very busy month ahead of us.
Members are urged to help out in these activities, as this is the public service side of Amateur Radio, and is one of the ways we encourage newcomers to the hobby.

The Courier Classic, 1st. March, is one event which only takes up a few hours in the morning, and is a chance for anyone new to this amateur activity to have a go.

BARG will be manning a tent at the Ballarat Begonia Festival on the long weekend of 8th., 9th., 10th. March. Members are asked to help out at the tent, where we will be demonstrating various aspects of Amateur Radio.
This is a great opportunity to help the recognition of our hobby, the more participants the better, as it evens out the load.
The display was well visited last year, and similar interest is expected again.

The weekend of 14th. and 15th. is a busy one. The John Moyle Field Day and the Begonia Rally clash, and this weekend will stretch our resources. Again help in these activities is urgently sought, no matter how small or large your assistance can be, it all helps.

If there is any member out there who wishes to view the Begonia Rally from the passenger seat of the Rally Co-ordinator's vehicle, (it is a family car so there wont be any 'rally' type driving) this position is vacant and will provide communications for the co-ordinator and the rally check points.

I haven't received any scramble sheets over the last month so I am expecting quite a few to be presented at the next meeting. The foxhunts have started again so anyone interested in participating or acting as an observer can meet the fox and hounds at the Hopetoun St. Education Centre car park on Monday evenings at 7.30 p.m. There is usually a couple of spare seats available if you would like to see what this mobile amateur activity is all about.

That's about all for this month, 73's

TOM VK3DMK...

MINUTES OF GENERAL MEETING HELD 31ST. JANUARY 1992.

MEETING OPENED by President Tom VK3DMK at 7.50 p.m. with 40 members present.

APOLOGIES VK3 SE, PRJ, CFB, AGD.

MINUTES of previous meeting as circulated were confirmed. CFH / CAZ.

CORRESPONDENCE IN Moorabin & District Radio Club. News Links (A.R.G.)

CORRESPONDENCE OUT Mt. Beckworth Station licence. Club Rooms.

TREASURER'S REPORT General Account $330.06 V.S.& L. Account $5094.70
Account for BML licence ($35.00) passed for payment. KGL /AAP

CLUB NET John CFB reported that the net is being well patronised and that for the balance of the daylight saving period the net would be held at 8.30 p.m. and revert to 8.00 p.m. when daylight saving concludes.

EDUCATION Ian AXH reported that the B.R.A.C.E. Novice course would be commencing on 20th. February and urged people interested to enroll A.S.A.P.
It was also confirmed that a set of upgrading exams would be held on the 18th. February for which names must be advised by 11th. February.
AXH / CAZ

NEWSLETTER President Tom 3DMK announced that Norm. D'Angri has taken on the role of editor for the newsletter and Norm made a request for the submission of suitable articles by members, these to be received no later than 10 days prior to the next meeting date.

TECHNICAL COMMITTEE Merv. KAW reported that a new software upgrade for the packet repeater is now available.

WICEN Gordon KGC reported that WICEN would have an involvment in the Courier Classic on the 1st. March and the Begonia Rally on the 14th. March.

QSL CARDS Jeff PAF reported that he had received some 200 cards for distribution and that he had a considerable number to forward on.

GENERAL BUSINESS Gordon KGC received approval to pursue the possibility of renting the vacant service station on the corner of Macarthur and Burnbank Sts. as the possible site for BARG clubrooms.

Geoff ADB spoke on the forthcoming John Moyle Field Days and has selected a site for the 'camp' (see map this issue). He stongly urged all members to participate and promised an enjoyable outing.
He requested that a letter be sent to D.O.T.C. requesting the use of the club callsign BML for the event.

Begonia Festival Display. It was decided that the club would again provide a display tent at the Begonia Festival on the 7th. 8th. and 9th. March. Helpers will be required to set up and man the display.

The Bendigo Field Day will be held on 22nd March and club members are invited to attend.

Merv. KAW suggested that a start should be made on the U.H.F. packet link to Melbourne. He reported that although some equipment would be available commercially, the receiver and transmitter would have to be built, and he would be grateful of assistance with the construction. The project would cost approx. $1500 and after discussion the meeting gave approval for it to proceed. KAW / BNC

Ian EF suggested that the Fox Hunt could no longer be held on Monday nights as some of the group would be at school etc.
It was left for the regular attenders to decide on a night and advise of their decision later.

MEETING CLOSED at 8.45 p.m.

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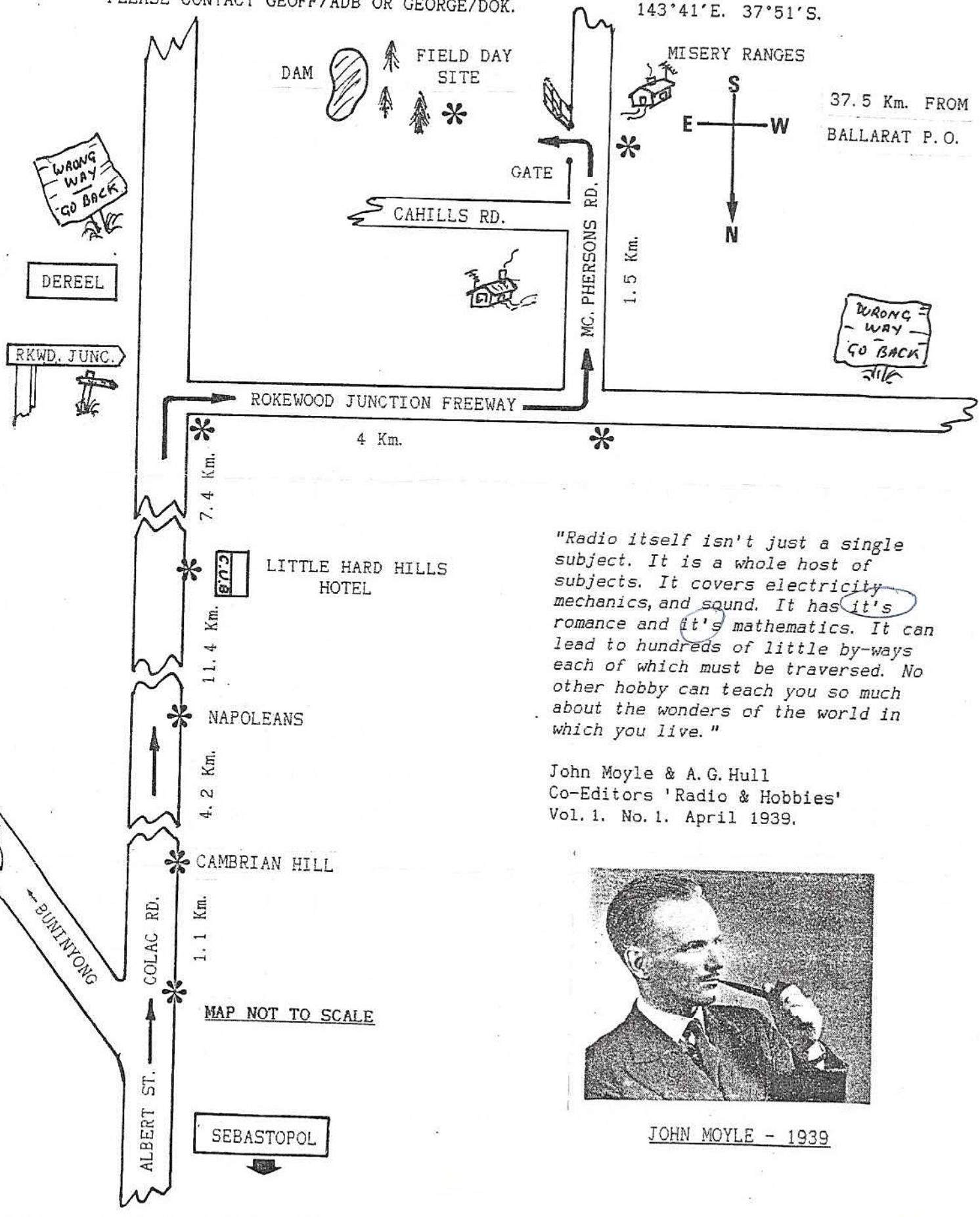
NEXT MEETING Friday 28th. February at Education Centre. 7.30 p.m.

JOHN MOYLE FIELD DAY

SITE LOCATION - 14TH. & 15TH. MARCH

FOR INFORMATION REGARDING THE FIELD DAY
PLEASE CONTACT GEOFF/ADB OR GEORGE/DOK.

GRID SQUARE - QF12
ASL. - 1020 ft.
143°41'E. 37°51'S.



MAP NOT TO SCALE

"Radio itself isn't just a single subject. It is a whole host of subjects. It covers electricity mechanics, and sound. It has it's romance and it's mathematics. It can lead to hundreds of little by-ways each of which must be traversed. No other hobby can teach you so much about the wonders of the world in which you live."

John Moyle & A. G. Hull
Co-Editors 'Radio & Hobbies'
Vol. 1. No. 1. April 1939.

JOHN MOYLE - 1939

JOHN MOYLE MEMORIAL FIELD DAY

14th & 15th March '92

Stations indicating willingness to participate and bands prefered .....

John	VK3CFH	.....	H.F. / VHF
Gordon	VK3FGC	.....	H.F.
Tom	VK3DMK	.....	H.F.
Jim	VK3ANH	.....	H.F.
George	VK3DOK	.....	H.F. 20m
Maurie	VK3XEX	.....	V.H.F / U.H.F.
Harry	VK3KGL	.....	H.F.
Max	VK3YMW	.....	V.H.F
Ian	VK3FB	.....	V.H.F
Bob	VK3BNC	.....	H.F.
Daniel	VK3NDB	.....	H.F. / VHF

Many thanks to all for your interest; Have a look through the rules of the contest and maybe you can indicate your favourite band at the meeting on Friday night...

Cheers Geoff

VK3ADB .

FOR SALE: YAESU FT-411 2M HT. Complete with PA-6 (12v adaptor), soft case, wide band RX mod, frequ listing. $300 (neg) or swap for 2M all mode with cash adjust.
WANTED: YAESU FT 290R 2M all mode, or any 2M all mode that will run off 12DC. Up to about $480.
For both/either see Ben Orchard VK3TOP. 377 836 (work)

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MORSE INTERFACE FOR COMMODORE C64

Most of us with a Commodore have a programme to produce Morse from the keyboard. As long as we remember to send it no faster than the other operator can receive, it is generally better than our own manual sending.

The problem is how to safely get the Morse out of the computer and into the 'rig'.

I say safely because most of the C64 interfaces I have seen use the 'cassette motor' line as the output signal to key the Tx. This is OK by me except for two things; 1/ it actually couples the 'internals' of the computer to the rig with the risk of doing a mischief due to hum-looping or other dreadful things and 2/ the fact that unless you have a disc drive you have to modify the Datassette recorder to be able to load the programme and then switch the motor line out to the control circuitry. Not having a disc drive I would have to do it this way.

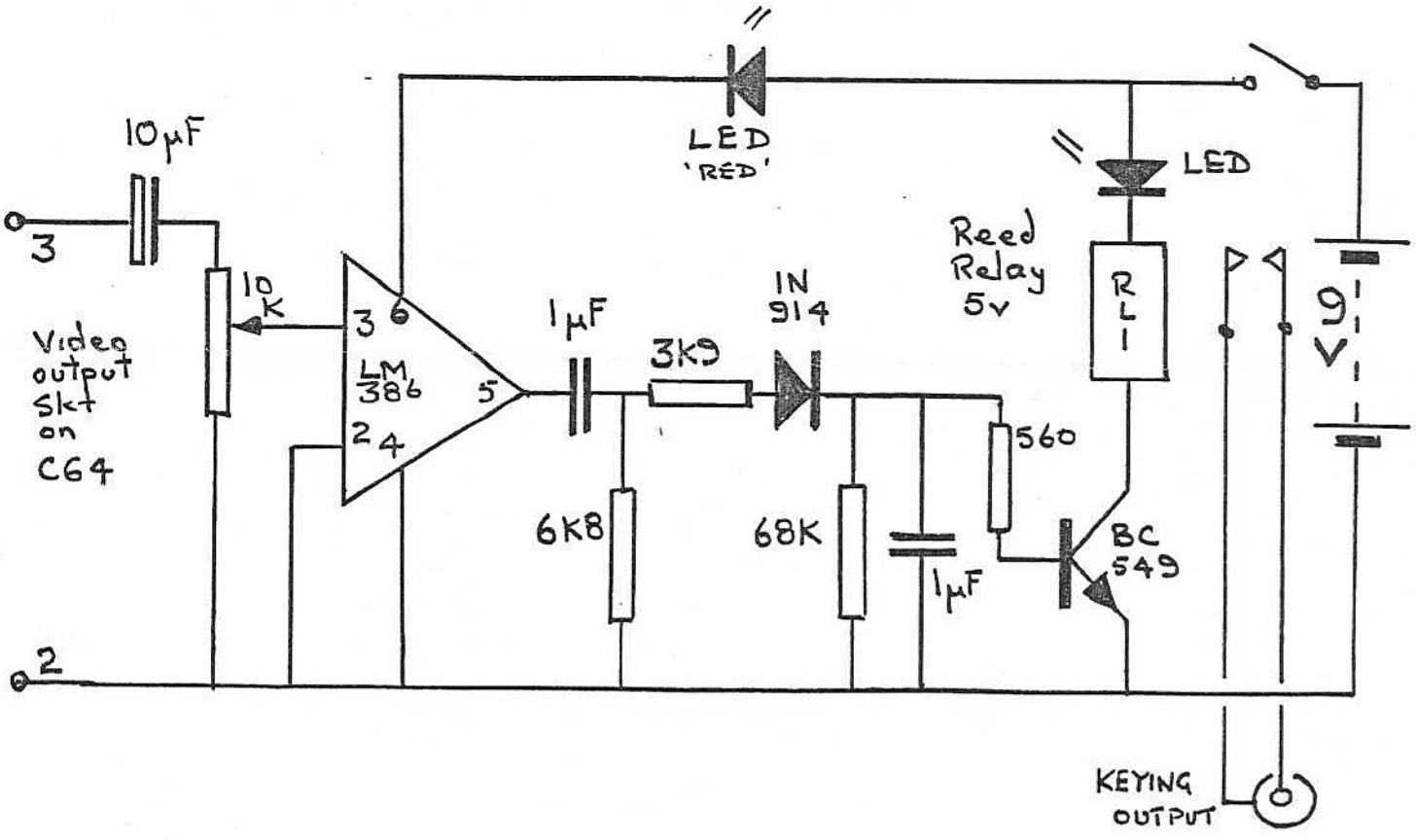
The audio output of the C64 appears on Pin 3 of the Video Plug and I measured mine at 1 Volt peak to peak and of course that is just too low to operate an opto-coupler or a reed relay. So I fiddled up the attached circuit. The LM386 only draws 5mA and the reed relay pulls an extra 10 mA 'key-down' so the 9 volt battery lasts a reasonably long time and has the advantage of not involving supplies from the mains, or earth-loops.

The red LED acts as a power-on reminder and also reduces the drain of the LM386. The other LED in my unit is a yellow one and serves to show that the relay is keying the rig as well as reducing the voltage applied to the relay.

My circuit is assembled on a piece of 'perf board' and with its batteryfits into a medium-sized "zippy" box from the smiling supplier.

It keys my IC735 at any speed I can use and seems to be quite happy to key the Tx at speeds as high as 25 wpm, far faster than I need.

73 Reg VK3CAZ



GET INTO THE HUNT

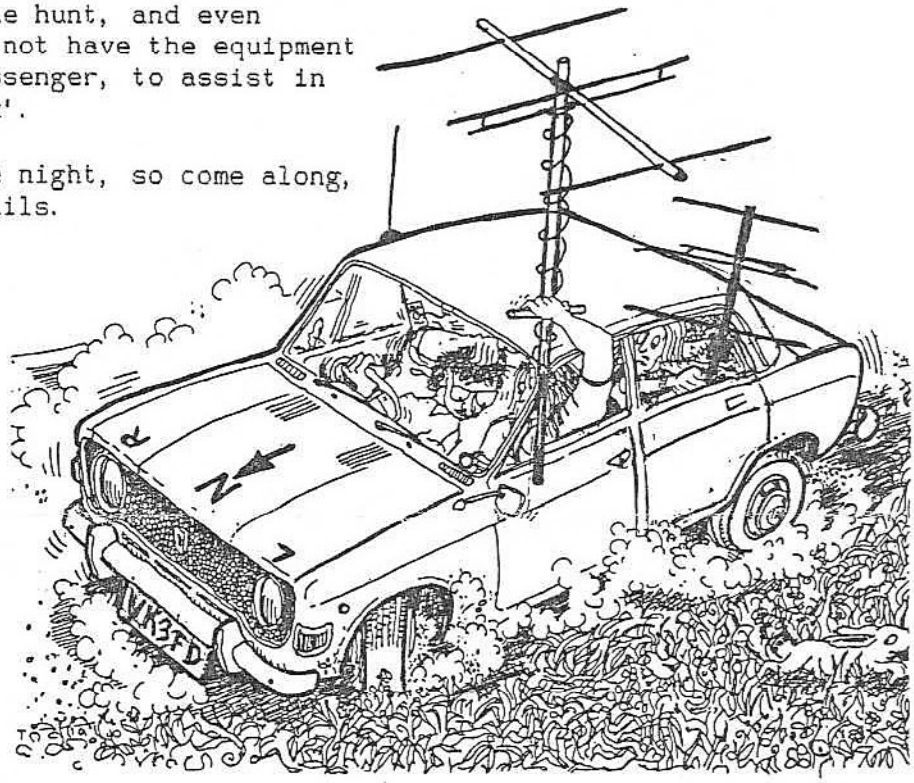
Looking for some good fun, and a test for your radio skills ?

Why not take part in the B. A. R. G. 'FOXHUNTS' on Monday evenings at 7.30 p. m. (Assemble at the Education Centre.)

The more 'hounds' the better the hunt, and even if you are not licenced, or do not have the equipment you are always welcome as a passenger, to assist in 'sniffing' out the elusive 'Fox'.

The more Hounds the merrier the night, so come along, or contact Geoff / ADB for details.

YOU'LL BE GLAD YOU DID.



"Turn left right where Darren ? "

DICTIONARY

TELEVISION - A medium, So called because it is neither rare, nor well done.

HELP WANTED

The success, or otherwise, of a club newsletter of this type, is largely dependent upon the input of members' contributions and the reporting of Club activities and items of interest to Club members.

Your help is required in the form of snippets of information (with a radio theme), projects, activity reports, radio based cartoons or jokes, historical information, or even some information for a 'Has this ever happened to you ' type segment.

If you have a story to tell or know of a problem which may be of interest to other Club members, could you please forward the information to Tom / DMK or Norm D'Angri (29 Lawrence St. Alfredton. Phone: 34-1613)

THANKS.

WANTED KNOWN

SUNDAY 1st. MARCH (A. M.)

THE COURIER CLASSIC

Help required to provide communications during this event.

SATURDAY 7th. SUNDAY 8th. MONDAY 9th. MARCH.

BALLARAT BEGONIA FESTIVAL

B. A. R. G. to provide a display tent at the Festival. Helpers needed for setting up, demonstrating, and general Public Relations during the week-end.

SATURDAY 14th. MARCH

BEGONIA CAR RALLY (Clashes with John Moyle field day.)

Help required from members for various activities.
(See President's Report.)

SATURDAY 14th. SUNDAY 15th. MARCH

JOHN MOYLE FIELD DAY (Note change of date.)

See site location map in this issue.
Queries to Geoff / ADB or George / DOK

SUNDAY 22nd. MARCH

BENDIGO CONVENTION. Midland Amateur Radio Club.

See details on pamphlet in this issue.

FRIDAY 27th. MARCH

March B. A. R. G. Meeting night.

DON'T FORGET

B. A. R. G. Net reverts to 8. 00 p. m. Thursday nights on 3. 610MHz. with the cessation of Daylight Saving time.

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Wireless Institute of Australia

VICTORIAN DIVISION - MIDLAND ZONE

Midland Amateur Radio Club (Inc)

VK3CMZ

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C O N V E N T I O N Sunday March 22nd 1992

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A WELCOME: Is extended to all OMs, YLs, Harmonics and Friends.

THE VENUE: Is the Leisure Centre in Browning Street, Kangaroo Flat, 5km south of the Fountain in Central Bendigo. If travelling north, take the second turn left from the traffic lights at Kangaroo Flat. The turn off will be signposted.

TALK-IN: Having difficulty finding the venue? Then join the talk-in on the local 2 metre repeater, VK3RCV - Ch. 7150, or seek directions in the usual way. It's easy to find!

REGISTRATION: Entry, Lunch & Afternoon Tea: $10.00 Adults
$6.00 Children under 12
$25.00 Family
Entry Only - $3.00

TIME: 1000 through to 1600

WHAT'S ON? Trade Displays, Secondhand equipment and components, Packet Radio, Lucky Door prizes and other activities.

LADIES: Craft display.

STEPTOE'S CORNER: Bring your old and no longer used gear for sale or swap. Tables will be provided.

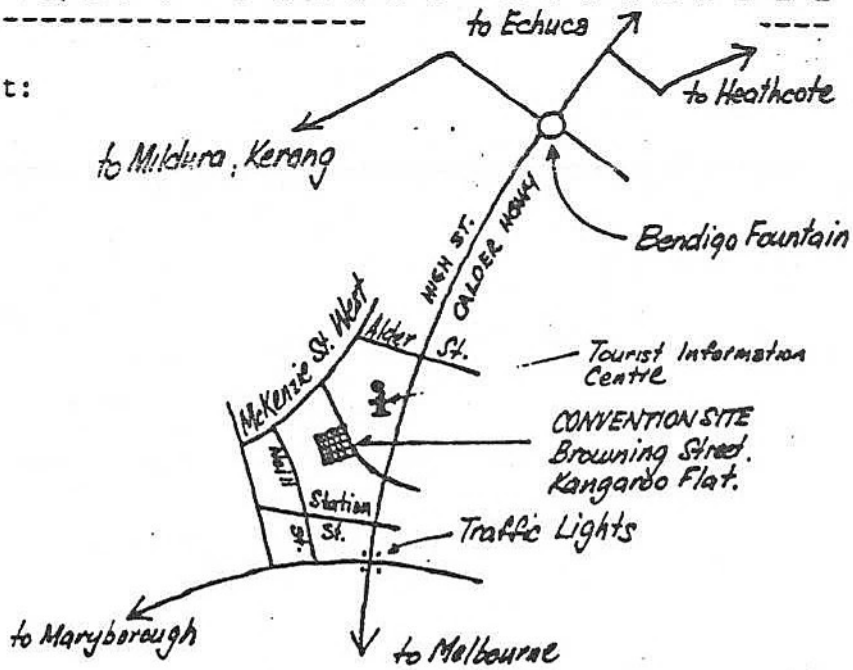
T E A, C O F F E E & S O F T D R I N K S A V A I L A B L E

For further information contact:

WATTY CAMERON VK3WMC (Sec.)
166 Mackenzie Street West
GOLDEN SQUARE. (054) 470560

COLIN LELEAN VK3CWL (Pres.)
11 Mathrick Street
EAGLEHAWK. (054) 469995

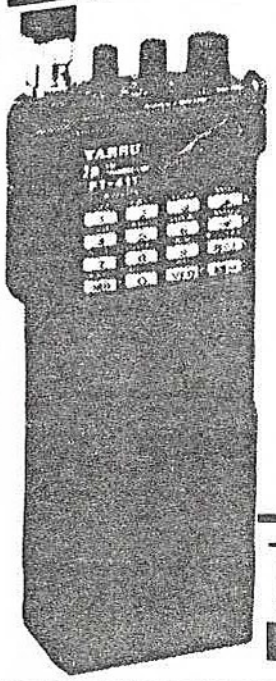
BARRIE LAKEY VK3BL
18 Raymond Avenue
BENDIGO. (054) 439381



Insert to Amateur Radio
March 1992 Vol. 60 No. 3

MORE FEATURES FOR YOUR MONEY!

ENHANCED MODEL



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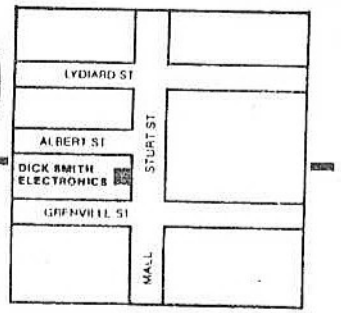

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